

CLAIMS

What is claimed is:

- 1 1. A method for remotely controlling audio/visual (A/V) devices within a
2 personal computer (PC), the method comprising the steps of:
3 (a) mapping each button on a remote control device to predetermined key codes;
4 and
5 (b) translating data signals from a selected button to device functions via the PC
based on the key codes to control operations of a plurality of A/V devices coupled to the
PC.
2. The method of claim 1 further comprising the step of:
(c) utilizing the look-up table to provide associations between the predetermined
key codes and the device functions.
3. The method of claim 2 wherein the utilizing of the look-up table step (c)
further comprises the step of (c1) providing a button mapping code in the PC.
4. The method of claim 2 wherein the device functions further comprises a
plurality of CD/DVD and TV/DVR functions.
5. A system for remotely controlling a plurality of audio/visual (A/V) devices
within a personal computer (PC), the system comprising:

3 a PC;
4 connection hardware coupled to the PC; and
5 a remote control device with selectable buttons for transmitting data signals
6 wirelessly to the connection hardware to access control of the plurality of A/V devices.

1 6. The system of claim 5 wherein the connection hardware further comprises a
2 tuner box.

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3 7. The system of claim 5 wherein the connection hardware further comprises a
4 graphics board in the PC coupled to the tuner box.

5 8. The system of claim 5 further comprising an infrared port receiver in the
6 connection hardware to receive the data signals from the remote control device.

7 9. The system of claim 7 wherein the graphics board translates the data signals to
8 a button number.

9 10. The system of claim 5 further comprising an application driver programming
10 in the PC that utilizes the button number to determine an action key code in one of the
11 plurality of A/V devices.

1 11. The system of claim 10 wherein the action key code further comprises one of
2 a plurality of DVD and DVR functions.

1 12. A method for remotely controlling a plurality of audio/visual (A/V) devices
2 within a personal computer (PC) utilizing a remote control, the remote control having a
3 plurality of buttons, the method comprising the steps of:

4 (a) providing a data signal based upon activating at least one of the plurality of
5 buttons from the remote control, the at least one button for controlling one of the plurality
6 of A/V devices; and

7 (b) translating the data signal to control one of the plurality of A/V devices.

8 13. The method of claim 12 wherein the data signal translation comprises
9 providing one of a plurality of CD/DVD and TV/DVR functions.

10 14. A computer readable medium containing program instructions for remotely
11 controlling audio/visual (A/V) devices within a personal computer (PC), the program
12 instructions for:

13 mapping each button on a remote control device to predetermined key codes; and

14 translating data signals from a selected button to device functions via the PC
15 based on the key codes to control operations of a plurality of A/V devices coupled to the
16 PC.

17 15. The computer readable medium of claim 14 further comprising utilizing a
18 look-up table to provide associations between the predetermined key codes and the
19 device functions.

1 16. The computer readable medium of claim 15 wherein utilizing a look-up table
2 further comprises providing a button mapping code in the PC.

1 17. The computer readable medium of claim 15 wherein the device functions
2 further comprises a plurality of CD/DVD and TV/DVR functions.

1 18. A method for remotely controlling audio/visual (A/V) devices within a
2 personal computer (PC), the method comprising the steps of:

3 (a) mapping each button on a remote control device to predetermined key codes;
4 and

5 (b) translating data signals from a selected button to device functions via the PC
6 based on the key codes to control operations of a plurality of A/V devices coupled to the
7 PC; and

8 (c) utilizing a look-up table to provide associations between the predetermined
9 key codes and the device functions, wherein a button mapping code is utilized within the
10 PC to provide the look-up table.

1 19. A system for remotely controlling a plurality of audio/visual (A/V) devices within a
2 personal computer (PC), the system comprising:

3 a PC;

4 a tuner box coupled to a graphics board within the PC; and

5 a remote control device with selectable buttons for transmitting data signals
6 wirelessly to the tuner box to access control of the plurality of A/V devices, wherein the
7 graphics board translates the data signals to a button number.

1 20. A computer readable medium for remotely controlling audio/visual (A/V)
2 devices within a personal computer (PC), the method comprising:
3 mapping each button on a remote control device to predetermined key codes;
4 translating data signals from a selected button to device functions via the PC
5 based on the key codes to control operations of a plurality of A/V devices coupled to the
6 PC; and
7

8 utilizing a look-up table to provide associations between the predetermined key
9 codes and the device functions, wherein a button mapping code is utilized in the PC to
10 provide the look-up table.

11 21. A system for remotely controlling a plurality of audio/visual (A/V) devices
12 within a personal computer (PC), the system comprising:

13 an infrared port receiver;
14 a tuner box coupled to a graphics board within the PC;
15 a remote control device with selectable buttons for transmitting data signals
16 wirelessly to the infrared port receiver to access control of the plurality of A/V devices
17 wherein the graphics board translates the data signals to a button number; and
18 an application driver programming in the PC that utilizes the button number to
19 determine an action key code in one of the plurality of A/V devices.